

What is claimed is:

1. A plant operation supporting device having a personal computer and supporting a plant operation by transmitting and receiving data between the plant operation supporting device and a process controller through a communication bus;

said personal computer comprising:

display means for displaying a working operation procedure described in a logic chart format on the screen; and;

executing means for executing the support of the plant operation in accordance with the working operation procedure of the logic chart format displayed on the screen.

2. The plant operation supporting device according to claim 1, wherein said display means displays the screen described in one or both of the logic chart format and a flow chart format; and

said executing means executes the support of the plant operation in accordance with the working operation procedure of one or both of the logic chart format and the flow chart format displayed on the screen.

3. The plant operation supporting device according to claim 1 or 2, wherein said personal computer transmits and receives process data between the personal computer and said process controller through an interface server.

4. The plant operation supporting device according to any one of claims 1 to 3, wherein said personal computer is connected to said interface server through a general purpose network.

5. The plant operation supporting device according to any one of claims 1 to 4, wherein said plural personal computers are connected to said general purpose network.

6. The plant operation supporting device according to any one of claims 1 to 5, wherein said interface server transmits and receives said process data between the interface server and a field control station connected through the control bus of a distributed process controller.

7. The plant operation supporting device according to claim 6, wherein said interface server is constructed within a human interface station connected through the control bus of said distributed process controller.